SPECIFICATION AMENDMENTS

On page 31, lines 3-10: please amend the paragraph at this location as indicated below using ~~strikethrough~~ and <u>underline</u>:

"An irregular LDPC code may also <u>be</u> described using a bipartite graph.

5   However, the degree of each set of nodes within an irregular LDPC code may be chosen according to some distribution. Therefore, for two different variable nodes, v_{i_1} and v_{i_2}, of an irregular LDPC code, $\left|E_v(i_1)\right|$ may not equal to $\left|E_v(i_2)\right|$. This relationship may also hold true for two check nodes. The concept of irregular LDPC codes was originally introduced within ~~M. Lugy, M. Mitzenmacher, A. Shokrollahi, D.~~

10   ~~Spielman and V. Stemann, "Practical loss-resilient codes," *IEEE Trans. Inform.*~~ ~~*Theory*, Vol. 47, pp. 569-584, Feb. 2001~~ <u>M. Luby, M. Mitzenmacher, M. A. Shokrollahi, D. A. Spielman, and V. Stemann, "Practical Loss-Resilient Codes," *Proc. 29th Symp. on Theory of Computing*, 1997, pp. 150-159.</u>"